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VEMER VE719100

VEMER THALOS Key VE719100 Room Thermostat

User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VEMER THALOS Key VE719100 room thermostat. Please read this manual carefully before using the device to ensure proper function and safety.

2. PRODUCT OVERVIEW

2.1 Key Features

- Room thermostat for both heating and air conditioning systems.
- Powered by 2x1.5V AAA batteries.
- Two physical buttons for temperature adjustment.
- Display with blue backlight, activated upon button press.
- Keypad lock function with password, preventing unauthorized setting changes.
- Configurable digital input for connecting an external temperature probe or a device to reduce the setpoint by 3°C.
- Supports ON/OFF or proportional control modes.
- Summer/Winter mode selection.

2.2 Product Diagram



Image 1: Front view, side view with dimensions, and wiring diagram for the VEMER THALOS Key VE719100 thermostat. The front view shows the display and control buttons. The side view indicates the depth and mounting profile. The wiring diagram illustrates connections for auxiliary input (INGRESSO AUSILIARIO) and relay contacts (NA, NC, COM).

3. SETUP

3.1 Battery Installation

The thermostat requires two 1.5V AAA batteries for operation. Ensure correct polarity when inserting the batteries. The battery compartment is typically located on the back of the unit.

3.2 Mounting and Wiring

The THALOS Key VE719100 is a wall-mounted thermostat. Choose a suitable location away from direct sunlight, drafts, or heat

sources that could affect temperature readings. Mount the unit securely to the wall using appropriate screws and anchors. For electrical connections to your heating/cooling system, refer to the wiring diagram provided in Image 1. Ensure all wiring is performed by a qualified professional and complies with local electrical codes.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

The thermostat features a display and two physical buttons for control. Pressing any button will activate the blue backlight for easier viewing.

4.2 Temperature Adjustment

Use the two physical buttons (typically marked with up/down arrows or plus/minus symbols) to increase or decrease the desired temperature setpoint.

4.3 Keypad Lock Function

To prevent unauthorized changes, the thermostat includes a keypad lock function. This feature is particularly useful in public installations. Consult the full product manual or manufacturer's website for instructions on how to activate and deactivate the keypad lock using a password.

4.4 External Digital Input

The configurable digital input allows for connection of an external temperature probe for remote sensing or a device that can trigger a 3°C reduction in the setpoint. Refer to the wiring diagram (Image 1) and the detailed product documentation for specific connection and configuration instructions.

4.5 Summer/Winter Mode

The thermostat supports both heating (winter) and cooling (summer) modes. The method for switching between these modes is typically found within the device's settings menu. Consult the detailed product manual for specific instructions on mode selection.

5. MAINTENANCE

5.1 Battery Replacement

When the battery level is low, a low battery indicator will typically appear on the display. Replace the two 1.5V AAA batteries promptly to ensure continuous operation. Always use new batteries of the specified type.

5.2 Cleaning

Clean the thermostat's exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the casing or display.

6. TROUBLESHOOTING

- **Thermostat not responding:** Check battery levels and replace if necessary. Ensure the thermostat is securely mounted and properly connected to the power source/HVAC system.
- **Inaccurate temperature readings:** Ensure the thermostat is not exposed to direct sunlight, drafts, or heat sources. Allow sufficient time for the thermostat to stabilize after installation or significant temperature changes.
- **Display issues:** If the display is difficult to read from certain angles, try adjusting your viewing position. If the display shows unexpected artifacts, gently clean the screen.
- **Unexpected function activation:** Avoid prolonged presses on the control buttons, as this may activate advanced settings or functions. Refer to the detailed manual for specific button press durations and their corresponding actions.
- **Heating/Cooling system not activating:** Verify that the thermostat is set to the correct mode (heating or cooling) and that the setpoint is appropriately above (for heating) or below (for cooling) the current room temperature. Check the wiring

connections.

7. SPECIFICATIONS

Brand	VEMER
Model Number	VE719100
Color	Black
Dimensions (L x W x H)	12.5 x 3 x 8.5 cm
Item Weight	190 grams
Power Source	Battery Powered (2x AAA)
Voltage	15 Volts (<i>Likely maximum switching voltage for relay contacts, not thermostat operating voltage</i>)
Connectivity Technology	IR (<i>Infrared - may refer to internal components or a specific remote control feature not detailed</i>)
Controller Type	Manual Control
Special Feature	ON/OFF or Proportional Adjustment - Summer/Winter Mode
Product Usage	Air Conditioner, Heating Systems
Temperature Control Type	Manual
Included Components	Thermostat unit
Country of Origin	Italy

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. Information regarding spare parts availability is not explicitly provided. For technical support or further assistance, please contact VEMER customer service or visit their official website.

